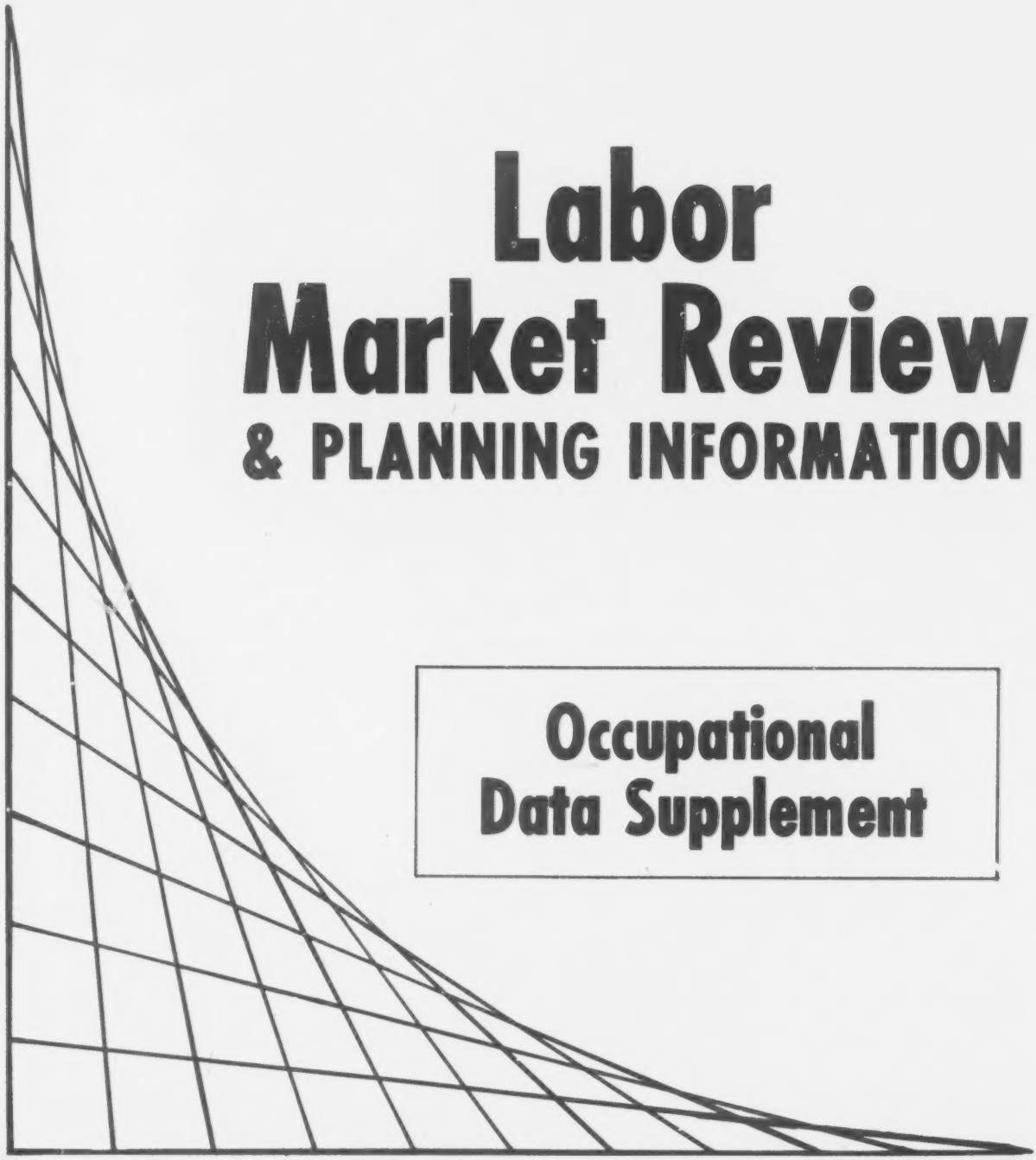
S2620-2

INDIANA EMPLOYMENT SECURITY DIVISION

Indiana Labor Market

FY 1982

Labor Market Review & PLANNING INFORMATION



Occupational Data Supplement

BEST AVAILAB

LABOR MARKET REVIEW
AND
PLANNING INFORMATION

OCCUPATIONAL DATA SUPPLEMENT
FOR INDIANA

JUNE 1981

Research and Statistics Section
Indiana Employment Security Division
10 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-7187

Affiliated with
Employment and Training
Administration
U.S. Department of Labor

LE COPY

FOREWARD

The Labor Market Review publication is intended to provide to local and State Ceta Prime Sponsors, for planning purposes, the statistics and analyses concerning the economy, population, labor force and the economically disadvantaged populations in need of employment, training, and supportive services.

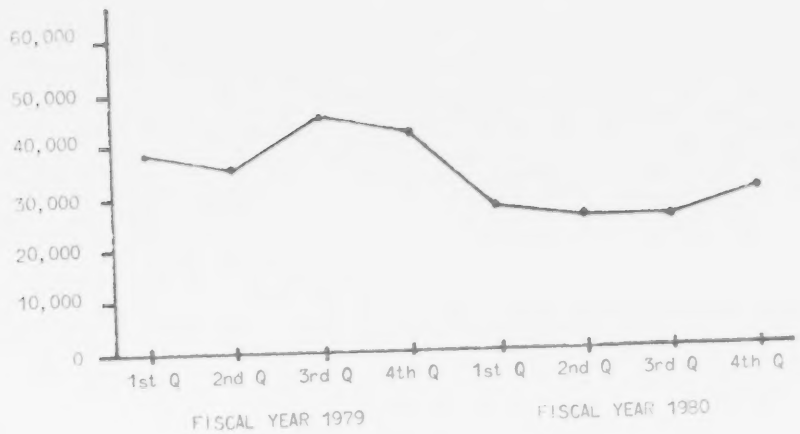
The occupational information in this supplement is provided to aid those who have responsibility for developing vocational training. This information is presented for the 14 Economic Planning and Development Regions. The Regional concept is based upon the economic interdependence of the counties within the Region as well as the commuting patterns of the labor force. The labor force usually seeks employment within the Economic Region and, therefore, employer demand on a regional basis should be considered.

Planning and Development Regions

State of Indiana

EMPLOYMENT DEVELOPMENTS - 1980

The total number of job openings received in Indiana State Employment Service local offices was relatively stable through fiscal year 1980 but sharply below the level of the previous fiscal year. Based on the report Job Openings in Indiana published quarterly by the Research and Statistics Section, total job openings received during fiscal year 1980 dropped below 110,000. More than 160,000 openings were received in 1979. Although an upturn was noted at the end of 1980, preliminary figures indicated a significant loss at the start of fiscal year 1981. While it was hoped that the recession had bottomed out, it had not reached the stage where significant new hiring was taking place. The trend of the past two fiscal years is shown in the following graph.



While the overall job openings picture was bleak, a large number of job openings were still available at the end of 1980. For many occupations employers were able to pick new employees from a large number of job seekers. This situation further emphasizes the need for qualified, trained applicants.

All of the ten major occupational categories recorded decreases in openings received compared to the previous fiscal year. While the loss for all occupations was 33 per cent, the five categories most related to the State's depressed manufacturing industry (processing, machine trades, bench work, structural work, and miscellaneous) all recorded losses of approximately 50 per cent. Fully three-fourths of the annual loss in openings was concentrated in these categories. The professional-technical-managerial, clerical, and service occupations -- diversified in many industries -- had the smallest decreases but were still down a significant 14 or 15 per cent. There was no uniform pattern of gains or losses during fiscal year 1980 as fluctuations varied by category throughout the year. The following graph shows the changes in openings received by major occupational category for each quarter of 1980.

JOB OPENINGS RECEIVED BY OCCUPATIONAL CATEGORY

FISCAL YEAR 1980

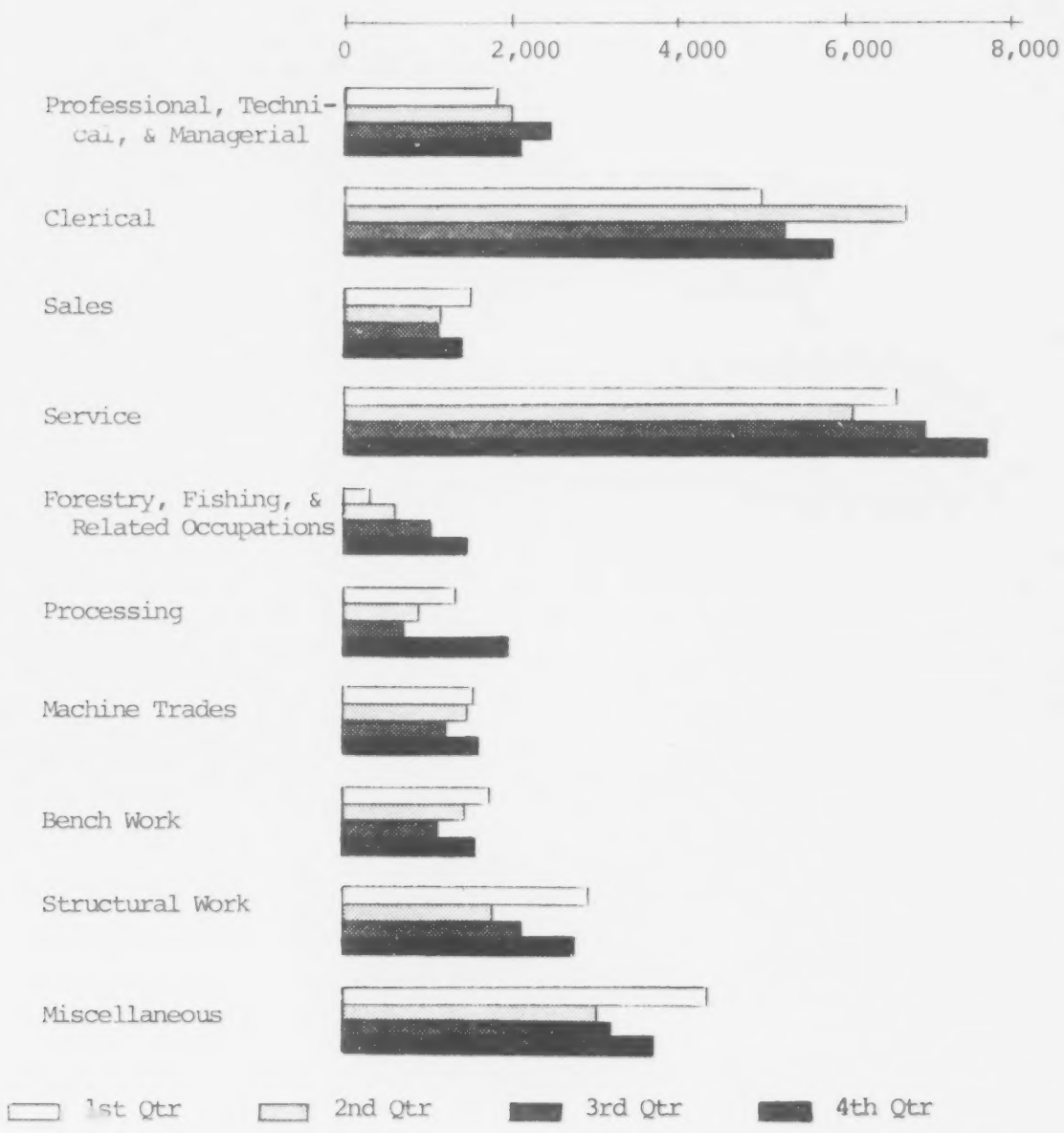


Table 1 JOB OPENINGS RECEIVED DURING FISCAL YEAR 1980 BY MAJOR OCCUPATIONAL CATEGORY

	Oct.-Dec. 1979	Jan.-Mar. 1980	Apr.-Jun. 1980	Jul.-Sep. 1980
TOTAL	27,203	25,116	25,231	30,021
Professional, Technical, & Managerial	1,817	2,009	2,445	2,100
Clerical	5,002	6,719	5,266	5,861
Sales	1,516	1,166	1,158	1,377
Service	6,614	6,094	6,972	7,699
Forestry, Fishing, & Related Occupations	304	601	1,023	1,443
Processing	1,337	854	697	1,961
Machine Trades	1,566	1,459	1,227	1,580
Bench Work	1,744	1,420	1,116	1,564
Structural Work	2,954	1,789	2,121	2,760
Miscellaneous	4,349	3,005	3,206	3,676

Table 2 CHANGES IN OPENINGS RECEIVED BY MAJOR OCCUPATIONAL CATEGORY

	Fiscal Year 1980	Fiscal Year 1979	Change 1979-1980	Percentage Change
TOTAL	107,571	161,443	-53,872	-33%
Professional, Technical, & Managerial	8,371	9,691	- 1,320	-14%
Clerical	22,848	26,522	- 3,674	-14%
Sales	5,217	6,919	- 1,702	-25%
Service	27,379	32,181	- 4,802	-15%
Forestry, Fishing, & Related Occupations	3,371	4,737	- 1,366	-29%
Processing	4,849	9,955	- 5,106	-51%
Machine Trades	5,832	12,678	- 6,846	-54%
Bench Work	5,844	12,639	- 6,795	-54%
Structural Work	9,624	18,032	- 8,408	-47%
Miscellaneous	14,236	28,089	-13,853	-49%

The professional-technical-managerial category had the smallest yearly decrease both in the number of job openings received and the percentage decline. A large number of the job openings available in this category were concentrated in engineering (electrical, mechanical, and industrial) especially for technicians; computer programming and systems analysis; health (registered nurses and licensed practical nurses); education, including teacher aides; accounting; managers, especially trainees; and social program aides. A high percentage of openings in this category are classified hard-to-fill (unfilled for thirty days or more) due to a lack of qualified applicants. Technicians continue to be in demand in engineering and health occupations.

The clerical occupations ranked second in the number of job openings received during fiscal year 1980. A substantial number of openings were available for secretaries, clerk-typists, general clerks, bookkeepers, bank tellers, and stock clerks. Although a large number of applicants were available for these jobs, employers were constantly searching for individuals with good office skills.

The sales category had the lowest number of job openings received of any major category. Even those openings available were frequently hard-to-fill due to irregular hours and commission-based pay. Insurance salespersons, sales clerks, and telephone solicitors comprised a large share of the total.

The largest number of job openings was recorded in the service occupations, which had one-fourth of the total for all categories. Occupations with the greatest opportunities included household workers, waiters/waitresses, chefs and cooks, nurse aides, security guards, and janitors, porters, and cleaners. Although most of the jobs required little previous experience, a significant share were hard-to-fill due to applicants' unwillingness to accept low pay rates and evening and weekend work.

Job openings increased seasonally through the summer of 1980 in the forestry-fishing-and-related occupations but were well off the 1979 totals. Most opportunities were for gardeners and groundskeepers.

The processing category registered a large drop from 1979. Openings were available in food processing but jobs for laborers in the iron and steel industry were reduced.

The remaining four categories (machine trades, bench work, structural work, and miscellaneous) were all affected by the continued slump in the State's manufacturing industries. All decreased by approximately 50 per cent from 1979. Miscellaneous occupations had ranked second among the major categories with more than 28,000 openings in fiscal year 1979 compared to approximately 14,000 in 1980. A sizable portion of jobs were still available for packagers and material handlers but well below previous levels. Likewise in the other categories, occupations with the greatest opportunities included auto mechanics, manufacturing assemblers, and construction laborers but were greatly reduced compared to prior years. Employers had a large pool of applicants to choose from in filling the few job openings available, reinforcing the need of appropriate training for individuals hoping to find a place in Indiana's manufacturing industries.

OCCUPATIONAL OUTLOOK 1981-1982

Positive expressions concerning the economy for Indiana and the nation are beginning to offer a good deal of hope for a favorable occupational climate during 1981-1982. The promise of an economic prescription by the new administration, plus some early signs of general improvement are encouraging. The recovery is expected to be gradual rather than spontaneous and possibly sprinkled with upturns and downturns. With these considerations, most occupational groups show a projected high demand for many of the occupations in their individual categories for 1981-1982. The job market will continue to be competitive and those persons with specific occupational training are the ones most likely to find job opportunities.

Following is a brief outlook for 1981-1982, emphasizing high demand occupations for Indiana by occupational groups. Regional information concerning occupations in high demand for 1981-1982 is summarized in a table included in the "Occupational Information by Economic Region" portion of this Occupational Data Supplement.

Management and Professional Occupations - The occupations in this group usually require a college degree or post-secondary training. Trainees are often hired with the required background.

Accountants	-	Continued high demand
Engineers	-	Very high demand - especially for electrical/electronic engineers.
Computer Related	-	Extremely high demand for programmers and systems analysts with intense shortages in most areas.
Administrative Managers	-	High demand - especially in larger metropolitan areas.
Management Trainees	-	Very high for fast foods and restaurants. A growing need for data processing manager trainees. Continuing high to moderate need in retailing and financial institutions.

Technical Related Occupations - Most of the occupations in this group require specific post-secondary training.

Air Conditioning, Heating and Ventilating Technicians	-	Continue to be in heavy demand with shortages in some areas.
Automotive Technicians/Service Writers	-	A growing need for qualified workers.

Cable Television Technicians	-	Growing in importance for trained personnel.
Chemical Technicians	-	A high demand seen for Lake County, Lafayette, and Terre Haute areas.
Drafters	-	Extremely heavy need with shortages.
Electrical/Electronic Technicians	-	High demand with shortages expected in some areas.
Mechanical Technicians	-	A healthy demand is projected.

Health Related Occupations - Certification and/or licensing is most often a requirement for these occupations, along with the proper educational background. Some institutions may provide on-the-job training for aide and assistant positions.

Dental Assistants Dental Hygienists Dental Laboratory Technicians	-	Moderate demand Statewide with somewhat higher demand in larger metropolitan areas.
Emergency Care Technicians	-	Moderate demand Statewide with heavier demand around Lake County, Terre Haute and Indianapolis.
Medical Laboratory Personnel Medical Records Technicians Medical Transcriptionists	-	A heavy demand in most areas with some shortages expected.
Nurse Aides	-	Extremely heavy demand with shortages predicted.
Occupational Therapists	-	Moderate demand in most areas with a heavier need in areas around Lake County and Evansville.
Operating Room Technicians	-	Moderate demand with a greater need and shortages around Lake County, Elkhart and South Bend vicinities, and the Indianapolis area.
Orderlies Physical Therapists	-	Moderately heavy demand in most areas of the State.
Licensed Practical Nurses Professional Nurses, Registered	-	Continued critical demand and shortages.

Qualified Medicine Aides	-	Project a growing need.
Radiologic Technologists	-	A fairly heavy demand with some shortages expected, especially for the Lake County, Terre Haute, Indianapolis, and New Albany areas.
Respiratory Therapists Respiratory Therapy Technicians	-	Moderately heavy demand and some shortages for trained personnel.

Sales Occupations- In many cases employers are willing to accept entry level workers for these occupations. However, results in the form of sales volume are expected for continuing employment. Also, some of these occupations offer a commission as all or part of the salary.

Apparel & Accessories Salesworkers	-	Moderate to moderately heavy demand in most areas of the State.
Food Services Salesworkers (Does not include Service Workers)		Moderately heavy demand Statewide.
General Merchandise (Department Stores)		Moderate to moderately heavy demand in most areas.
Insurance	-	Continued heavy demand and shortages.

Office Occupations - The occupations in this group most often require specific office skills and good high school business training or post secondary work. Previous work experience may be needed to qualify.

Accounting Clerks	-	A heavy demand with shortages expected in some areas.
Bank Tellers	-	Moderate to moderate heavy demand in most areas.
Bookkeepers	-	A heavy demand with critical need in some areas.
Cashiers	-	Continued moderately heavy demand.
Clerk Typists General Office Clerks Secretaries Stenographers Typists	-	Extremely heavy and consistent demand with excellent opportunities for qualified workers. Statewide shortages are expected.

Computer Operators Keypunch Operators & Verifiers	-	Moderately heavy demand in most areas.

Crafts and Related Occupations- Many of these occupations are likely to require previous work experience, apprenticeship training, or specialized post-secondary training to qualify for openings.

Air Conditioning, and Heating Installers and Repairers Auto Vehicle Repairers: Auto Body Repairers Mechanics Cooks, Restaurant Cooks, Short Order	-	Continue to be in very high demand with expected shortages.
Diesel Mechanics	-	Extremely high demand and shortages Statewide.
Die Setters Electricians Electric Motor Repairers	-	Moderately heavy demand in most areas of the State.
Industrial Machinery Repairers	-	Moderately heavy to very heavy demand around most of Indiana with shortages expected in the Elkhart and South Bend vicinities, Fort Wayne area, Connersville and Richmond vicinities and the New Albany area.
Machinists Tool and Die Makers	-	Critical shortages and the heaviest demand around most of Indiana.
Machine Tool Operators Machine Tool Setters Millwrights Welders and Flamecutters	-	Moderately heavy to very heavy demand around most of the State with expected shortages in some areas.

Service and Related Occupations- Generally, these occupations provide good opportunities for jobs - due in part to the high turnover rate for many of these occupations.

Counter and Fountain Workers Janitors Waiters/Waitresses	-	Moderately heavy demand to very heavy demand with shortages expected for some areas.

Cleaners, Housekeeping (Hotels and Motels)	-	Moderate to moderately heavy demand.
Day Nursery Workers & Operators		
Guards and Doorkeepers		
Private Household Workers		
Nursery Workers (Garden)		
Gardeners and Groundskeepers		

In the new/emerging occupations the demand for energy related workers seems to be slowly increasing although the types of energy industries and specific occupations as yet are not clearly defined. The most promising new occupation is the word processing technician. A moderate demand is expected Statewide with a moderately heavy need indicated for the Elkhart and South Bend vicinities and the Lafayette area.

The outlook information is further supported with expected annual average openings for specific occupations. Indiana's Occupational Projections, for the Ecomomic Regions offer statistical data regarding job needs. The annual average job needs in these Regional publications were summed to determine Statewide totals for the occupational listings. The top 25 occupations with the greatest number of potential openings are shown in a table on the next page. The expected job needs for these 25 occupations comprise about 43 per cent of the total projected annual average job openings in Indiana for the period 1976-1982.

The total job needs are made up of expansion and replacement needs. Approximately seven out of ten of the total openings are expected to occur due to replacement of workers who retire, die, or leave the labor force. The remainder should result from expansion needs.

INDIANA

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Regions 1-14
Indiana Employment Security Division, Research & Statistics, September, 1979-March, 1980

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	Janitors, Porters, & Cleaners	4,384	889	3,495
2.	Sales Clerks	3,093	800	2,293
3.	Sales Representatives & Other Salesworkers	2,869	615	2,254
4.	Nurse Aides/Orderlies	2,662	1,296	1,366
5.	Assemblers	2,517	792	1,725
6.	General Clerks, Office	2,465	771	1,694
7.	Secretaries	2,123	528	1,595
8.	Waiters/Waitresses	1,969	882	1,087
9.	Cashiers	1,703	543	1,160
10.	Food Preparation & Service Workers, Fast Food Restaurants	1,366	525	841
11.	Nurses, Professional	1,356	582	774
12.	Blue Collar Worker Supervisors	1,257	384	873
13.	Truck Drivers	1,253	399	854
14.	Guards & Doorkeepers	1,183	262	921
15.	---Elementary School Teachers	1,011	-252	1,263

--- *Declining occupation*

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
16.	Typists	1,008	336	672
17.	Store Managers	951	203	748
18.	Bookkeepers, Hand	924	237	687
19.	Inspectors	839	175	664
20.	Accounting Clerks	785	213	572
21.	Cooks, Short Order/Specialty, Fast Foods	702	242	460
22.	Stock Clerks, Stockroom, Warehouse, etc.	648	180	468
23.	Carpenters	632	172	460
24.	Sewers & Stitchers	615	118	497
25.	Accountants & Auditors	588	225	363
	TOTALS	38,903	11,117	27,786

The total annual average job needs for these 25 occupations represent 43 per cent of the annual average job needs expected for all occupations in Indiana during the period 1976-1982.

* *The annual average job needs given for each of these 25 occupations is the total of the expansion and replacement needs expected on the average for each year during the 1976-1982 period. Expansion needs result from expansion of an industry either through a new firm coming into an area or the expansion of existing facilities. Replacement needs average about 4 per cent a year for all occupations, however, these vary from one occupation to another due to age and sex composition of the work force in the specific occupation. Replacement needs are due to persons retiring, dying, or leaving the labor force. Some occupations also have a large turnover of the work force; persons leaving one place of work for another but remaining in the same occupation. Turnover does not necessarily create a demand for additonal trained workers and is not considered in these projections.*

Examination of these top 25 occupations by major occupational groups provides additional data for the outlook:

OCCUPATIONAL GROUP	OCCUPATION	INDIANA ANNUAL AVERAGE JOB NEEDS 1976-1982
Professional, Technical, Managerial	Accountants & Auditors	588
	Elementary School Teachers	1,011
	Nurses, Professional	1,356
	Store Managers	951
Annual Average Job Needs 19,815		3,906
Sales	Sales Clerks	3,093
	Sales Representatives & Other Sales Workers	2,869
Annual Average Job Needs 6,130		5,962
Office Workers	Accounting Clerks	785
	Bookkeepers, Hand	924
	Cashiers	1,703
	General Clerks, Office	2,465
	Secretaries	2,123
	Stock Clerks, Warehouse, Stockroom, etc.	648
	Typists	1,008
Annual Average Job Needs 17,708		9,656
Crafts & Related	Assemblers	2,517
	Blue Collar Worker, Supervisors	1,257
	Carpenters	632
	Inspectors	839
	Sewers & Stitchers	615
	Truck Drivers	1,253
Annual Average Job Needs 23,356		7,113
Service and Related	Cooks, Short Order	702
	Food Preparation & Service Workers, Fast Foods	1,366
	Guards & Doorkeepers	1,183
	Janitors, Porters & Cleaners	4,384
	Nurse Aides/Orderlies	2,662
	Waiters/Waitresses	1,969
Annual Average Job Needs 24,318		12,266
Total Annual Average Job Needs Indiana 91,367	Total Job Needs Top 25 occupations	38,903

The level of demand for workers in these occupations will depend upon the available supply of trained applicants. For instance, the number of openings projected annually for the declining occupation elementary school teacher is very high (due to replacement), but the demand is low because of the over supply of qualified teachers available for these positions. The supply of trained job seekers is considered in the outlook information presented earlier. The best occupational opportunities are suggested in relation to the supply even though the number of openings for some of the occupations may be small. It is wise to critically appraise both the outlook information and the projection data when planning and organizing future job training programs.

The occupational outlook for 1981-1982 suggests a flourish of job prospects for individuals with specific career training. Though many of the openings will require previous work experience, many employers may accept willing trainees with a good academic/vocational school background. The outlook presented is for industry-based jobs. Another source of opportunities -- expecially in the service related type occupations -- is to be self-employed. The following comments addressing this topic are from an Indiana Employment Security Division local manager.

TRAINING FOR OCCUPATIONS OFFERING SELF-EMPLOYMENT OPPORTUNITIES

Possibilities exist for training persons in repair and service occupations which offer opportunities for self-employment.

Many firms that presently provide repair or other services are small owner-operated establishments with only one or two employees. Such businesses are primarily dependent on the skills of the operators, do not require a large investment in equipment or inventory, and offer opportunities for persons with limited funds interested in establishing businesses of their own.

Present and future opportunities are further indicated by the steady increase in the variety of repair and service occupations and in the increased number of service and repair workers in the labor force over the past several decades. Anticipated population growth should further accelerate the demand for repair and service workers.

Following is a list of occupations in which training might offer opportunities for self-employment.

REPAIR OCCUPATIONS

Air Conditioning, Heating Installers & Repairers
Furnace Service & Repair
Electric Motor Repairers
Office Machine Repairers
Small Engine Repairers
Sewing Machine Service Worker
Coin Machine Mechanic
Appliance Repairers
Instrument Repair Mechanic
Shoe Repairers
TV & Radio Repairers
Painters & Decorators

SERVICE OCCUPATIONS

Arborist
Beauty Operator
Landscape Gardener
Day Nursery Operators
Tailoring & Alterations
Barber
Furniture Upholsterer
Tree Pruner
Laundry & Dry Cleaning

The above list is merely a small portion of possible occupations for which training may be given.

Consideration should be given to the experience of local establishments using the same skills, and to labor conditions which may justify a new or expanded business offering service in the area of work covered by the training.

The training should be directed to self-employment with possibility of access to resources which will enable the person to establish, equip, and to finance operations of the proposed business. Small business financial assistance is available to assist in the establishment, preservation, and strengthening small business concerns. However, the Small Business Administration requires as a condition of such assistance, training in management techniques.

A. P. Susnis
Manager, Michigan City Local Office

OCCUPATIONAL INFORMATION BY ECONOMIC REGION

Occupational data are an important component to the vocational planning and counseling process. To be a useful tool for this purpose, the data must provide valid information about specific occupations in a defined locality. Local planners need to know which occupations are most likely to offer job opportunities now and those with potential job prospects for a future period. The training of workers must be targeted to meet the requirements of the local labor market. Many resources are available from the Indiana Employment Security Division to assist planners in making these determinations.

Much of the Indiana Employment Security Division occupational information is provided for each of the 14 Economic Regions of the State. The Regions were established to permit a structure for focusing on the economic pulse of different areas of Indiana. The Economic Regions are usually centered around a major urban area plus the surrounding counties in which a large share of the labor force resides. Encompassing as few as four counties or as many as eleven, each Region, to some degree, is economically unified. Though school districts and training institutions may be concerned with local community needs, research indicates appreciable numbers of workers commute outside their home county to work. This suggests occupational needs should be viewed on a broader basis to provide training that is compatible with employment opportunities in an extended area. The Regional concept permits better coordination of efforts relating to development and implementation of plans for future needs.

Highly recommended for planning data is the recently released 1981 Edition, Profiles of Economic Regions. This publication, prepared for each Economic Region, is a comprehensive journal of the occupational structure and outlook of the local labor market. Information on population, commuting patterns, industry composition, major occupations and job needs is integrated from the most current statistical data available. The "easy reference" occupational index in the Profile lends a handbook quality to the publication. A major source of data in the Profile is Indiana's Occupational Projections, 1976-1982. This also is a Regional publication and should be helpful to the planner.

Other Indiana Employment Security Division occupational information publications which may be consulted for planning support are Need For Workers, (Regional and released annually); Occupations in Demand, (for SMSA's and released monthly); and Job Openings, (for SMSA's and released quarterly).

To augment the occupational information in the publications mentioned above, three tables have been developed for this "Occupational Data Supplement." The first set of tables gives a listing of high demand occupations for each Economic Region for 1981-1982

from a group of selected occupations. This relative need information is from our recent survey of Indiana Employment Security Division local offices. The complete report of this survey will be published later this year in the Need For Workers 1981-1982. The second table is a statewide summary of this high demand information. It is offered to allow planners to compare and assess occupational demand for other areas of the State.

The final set of tables is a ranking of the top 25 occupations with the greatest number of projected annual average job needs. The data are given for each Economic Region and are from the Projections publications. The annual average job needs represent the replacement needs plus expansion needs for each occupation. These rankings are intended to be indicators of occupations with the greatest number of job prospects.

The task of monitoring and developing purposeful vocational training programs for realistic future job opportunities demands careful and astute examination of a number of elements. Occupational data are just one important factor. A deliberate effort was made to delineate the status of occupational demand for the Economic Regions as indicated from the statistical data generated by Indiana Employment Security Division. It is hoped the information in this supplement will provide some conception for possible directions and alleviate the complexities of the planning, training, and counseling duty.

OCCUPATIONS IN HIGH DEMAND
REGION 1, 1981-1982
(JASPER, LAKE, LAPORTE, NEWTON, PORTER, PULASKI, AND STARKE COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST & Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY & Possible Inadequate Supply	MODERATELY HEAVY
HEALTH RELATED OCCUPATIONS			
*Medical Lab Techns. *Occupational Therapists *Practical Nurses, Licensed *Professional Nurses, Registered	*Medical Lab Assts.	*Emergency Care Technicians *Med. Transcriptionists *Operating Room Technicians *Physical Therapists *Respiratory Therapists	*Dental Assistants *Dental Hygienists *Dental Lab Technicians *Occup. Therapy Assts. *Phys. Therapy Assts.
TECHNICIANS AND RELATED OCCUPATIONS			
*Programmers	*Systems Analysts	*Air Conditioning, Heating & Ventilating Techns. *Cable Television Technicians *Chemical Technicians *Credit/Finance Technicians *Electrical Technicians *Electronic Technicians	*Drafters: Mechanical Industrial
MANAGEMENT			
		Mgr. Trainees, Data Processing Mgr. Trainees, Restaurants	Mgr. Trainees, Fast Food Mgr. Trainees, Fin. Inst.
SALESWORKERS BY INDUSTRY			
*Insurance			

**Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 1, 1981-1982 (Cont'd.)

HEAVIEST & Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY & Possible Inadequate Supply	MODERATELY HEAVY
	OFFICE OCCUPATIONS		
*Secretaries Stenographers	Cashiers Clerk Typists General Office Clerks Typists		*Accountants *Accounting Clerks *Bookkeepers Bookkeeping Machine Operators *Computer Operators Receptionists & Telephone Operators
	CRAFTS AND RELATED OCCUPATIONS		
* Cooks, Restaurant * **Diesel Mechanics * **Electricians * Electrical Motor Repairers * **Machinists Machine Tool Operators **Sheet Metal Workers Small Engine Repairers Welder & Flamecutters: * **Certified	* Cooks, Short Order **Industrial Machinery Operators * **Tool & Die Makers	Air Conditioning & Heating Installers & Repairers Appliance Repairers **Crane, Derrick & Hoist Operators Machine Tool Setters (Set-up)	Automotive Vehicle Repairers: Body & Fender **Mechanic (Motor) **Boilermakers Chemical Operators **Die Setters **Millwrights **Plumbers & Pipefitters **Structural Metal Workers
	SERVICE AND RELATED OCCUPATIONS		
			Day Nursery Workers & Oprs. Janitors Waiters/Waitresses

* *Post high school training may be a requirement.*
** *Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 1, 1981-1982 (Cont'd.)

COMMENTS:

Hammond: *CRT and other computer and electronic machine operators are expected to be in high demand for the next two years.*

Rensselaer: *Some additional occupations in high demand in this area are well diggers and septic tank services. Also, there is a great need in the health field for trained personnel.*

OCCUPATIONS IN HIGH DEMAND
REGION 2, 1981-1982
(ELKHART, KOSCIUSKO, MARSHALL, AND SAINT JOSEPH COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
Nurse Aides *Practical Nurses, Licensed *Professional Nurses, Registered		*Medical Laboratory Techns. *Medical Transcriptionists *Operating Room Technicians *Respiratory Therapists	*Medical Lab. Assistants Orderlies
	TECHNICIANS AND RELATED OCCUPATIONS		
*Air Conditioning, Heating & Ventilating Techns. *Drafters: Industrial Mechanical *Electronic Technicians *Programmers *Systems Analysts		*Electrical Technicians *Industrial Technicians	*Cable Television Technicians *Architectural Drafters *Mechanical Technicians
	MANAGEMENT		
	Manager Trainees, Fast Foods		*Administrative Managers *Industrial Management Techns. Manager Trainees, Rests. Manager Trainees, Retail
	SALESWORKERS BY INDUSTRY		
*Insurance			Apparel & Accessories Food Services (Restaurants, etc.) (Exclude Service Workers) General Merchandise (Dept. Stores)

**Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 2, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATLEY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
OFFICE OCCUPATIONS			
* Secretaries		* Accounting Clerks Typists	* Accountants Bank Tellers * Bookkeepers Clerk Typists * Computer Operators General Office Clerks
CRAFTS AND RELATED OCCUPATIONS			
* **Airconditioning & Heating Installers & Repairers * **Automotive Vehicle Repairers: Mechanic (Motor) * Cooks, Restaurant * **Electricians (Including Electronics) **Industrial Machinery Operators * **Machinists * **Tool & Die Makers * **Welders & Flamecutters: Certified	Machine Tool Setters (Set-up)	* Automotive Vehicle Repairers: Combination * **Diesel Mechanics **Die Setters **Plumbers & Pipefitters	**Carpenters * Cooks, Short Order Machine Tool Operators **Millwrights **Roofers Sewers & Stitchers (Mfg. only)
SERVICE AND RELATED OCCUPATIONS			
	Waiters/Waitresses		Cleaners, Housekeeping (Hotels & Motels) Counter & Fountain Workers Janitors Social Service Aides

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 2, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	NEW/OR EMERGING OCCUPATIONS		
			*Word Processing Technicians

COMMENTS:

South Bend: Projected opening of a gasahol plant in 1982 converting corn to fuel may have an impact on the demand for skilled workers and technical training. At present the need is unknown.

* *Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 3, 1981-1982

(ADAMS, ALLEN, DEKALB, HUNTINGTON, LAGRANGE, NOBLE, STEUBEN, WELLS, AND WHITLEY COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
HEALTH RELATED OCCUPATIONS			
*Practical Nurses, Licensed *Professional Nurses, Registered	*Dental Assistants Nurse Aides	*Respiratory Therapists	*Dental Hygienists *Medical Lab. Technicians
TECHNICIANS AND RELATED OCCUPATIONS			
*Drafters: Industrial Mechanical *Electrical Techns. *Electronic Techns. *Industrial Techns. *Programmers *Systems Analysts		*Automotive Technicians/ Service Writers *Economic Technicians	*Cable Television Technicians *Drafters: Architectural *Mechanical Technicians *Vocational Guidance Specialists
MANAGEMENT			
	Manager Trainees, Data Processing		*Administrative Managers Manager Trainees, Fast Foods Manager Trainees, Restaurants
SALESWORKERS BY INDUSTRY			
	Food Services (Restaurants, etc.) (Exclude Service Workers)		Food Distribution, (Grocery Stores) (Exclude Service Workers)

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 3, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
OFFICE OCCUPATIONS			
* Accounting Clerks Clerk Typists * Secretaries		General Office Clerks Stenographers Typists	* Accountants * Bookkeepers * Computer Operators * Keypunch Operators & Verifiers Receptionists & Telephone Operators Shipping & Receiving Clerks
CRAFTS AND RELATED OCCUPATIONS			
* **Diesel Mechanics * **Electricians (including Electronics)	* Cooks, Restaurant * Cooks, Short Order * **Welders & Flamecutters: Certified	* **Airconditioning & Heating Installers & Repairers * **Automotive Vehicle Repairers: Mechanic (Motor) **Industrial Machinery Operators * **Machinists **Millwrights Small Engine Repairers * **Tool & Die Makers	**Carpenters **Die Setters Drivers: Industrial Equipment * Electrical Motor Repairers Extruders (Plastic & Rubber) **Foundry Core Makers **Foundry Molders **Plumbers & Pipefitters
SERVICE AND RELATED OCCUPATIONS			
			Janitors Waiters/Waitresses
AGRICULTURAL OCCUPATIONS			
		Vegetable Farm Workers	

**Post high school training may be a requirement.*
***Apprenticeshop training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 4, 1981-1982
(BENTON, CARROLL, CLINTON, FOUNTAIN, MONTGOMERY, TIPPECANOE, WARREN, AND WHITE COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
HEALTH RELATED OCCUPATIONS			
Nurse Aides *Practical Nurses, Licensed *Professional Nurses, Registered		Orderlies	*Dental Assistants Home Health Aides *Medical Lab. Assistants *Medical Lab. Technicians *Medical Records Techns. *Medical Transcriptionists
TECHNICIANS AND RELATED OCCUPATIONS			
	*Drafters: Industrial	*Electronic Technicians	*Air Conditioning, Heating & Ventilating Technicians *Cable Television Technicians *Chemical Technicians *Drafters; Mechanical *Industrial Technicians *Law Enforcement Technicians *Mechanical Technicians *Programmers *Systems Analysts
MANAGEMENT			
Manager Trainees, Fast Foods			*Administrative Managers *Industrial Management Techns. Manager Trainees, Fin. Insts. Manager Trainees, Rest.

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 4, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
SALESWORKERS BY INDUSTRY			
* Insurance	General Merchandise (Dept. Stores		Food Distribution (Grocery Stores) (Exclude Service Workers) Food Services (Restaurants, etc.) (Exclude Service Workers) Home Furnishings
OFFICE OCCUPATIONS			
Clerk Typists * Secretaries Typists	General Office Clerks Shipping & Receiving Clerks Stock & Inventory Clerks		* Accountants * Accounting Clerks Bank Tellers * Bookkeepers Cashiers * Computer Operators File Clerks * Keypunch Operators & Verifiers Order Clerks
CRAFTS AND RELATED OCCUPATIONS			
**Roofers * **Tool & Die Makers	* **Air Conditioning & Heating Installers & Repairers * **Automotive Vehicle Repairers: Mechanic (Motor) **Carpenters * Cooks, Restaurant Drivers: Truck and/or Tractor (over the road) * **Electricians (including Electronics)		* Agricultural Imp. Mechs. * Automotive Vehicle Repairers: Body & Fender, Comb. Bookbinders & Workers Chemical Operators * Cooks, Short Order Delivery & Route Workers * **Diesel Mechanics **Die Setters * Electrical Motor Repairers Extruders (Plastic & Rubber) **Foundry Core Makers **Foundry Molders

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 4, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	CRAFTS AND RELATED OCCUPATIONS (Cont'd.)		
	**Industrial Mach. Operators		**Excavating, Grading & Road Machinery Operators
	* **Machinists		Machine Tool Operators
	* **Welders & Flame-cutters: Certified		Machine Tool Setters (Set-up)
			**Millwrights
			**Plumbers & Pipefitters
			**Sheet Metal Workers
			**Structural Metal Workers
			* **Welders & Flamecutters: Basic
	SERVICE AND RELATED OCCUPATIONS		
Waiters/Waitresses	Janitors		Cleaners, Housekeeping (Hotels & Motels)
			Counter & Fountain Workers
			Day Nursery Workers & Operators
			Private Household Workers
	AGRICULTURAL OCCUPATIONS		
			Grain Farm Workers
			Nursery Workers
	NEW/OR EMERGING OCCUPATIONS		
	Word Processing Technicians		

COMMENTS:

Lafayette: Some occupations which may have a future need in this area snd may require training are: diesel-engine assembler diesel-engine inspector diesel-engine testor

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 5, 1981-1982
(CASS, FULTON, HOWARD, MIAMI, TIPTON, AND WABASH COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
HEALTH RELATED OCCUPATIONS			
*Professional Nurses, Registered	*Practical Nurses, Licensed		*Medical Records Technicians Nurse Aides Orderlies *Physical Therapists Psychiatric Attendants *Psychiatric/Mental Health Techns. Qualified Medication Aides
TECHNICIANS AND RELATED OCCUPATIONS			
			*Air Conditioning, Heating & Ventilating Technicians *Cable Television Technicians *Drafters: Industrial Mechanical *Electrical Technicians *Electronic Technicians *Programmers
MANAGEMENT			
	Manager Trainees, Fast Foods Manager Trainees, Restaurants		Manager Trainees, Financial Institutions

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 5, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	SALESWORKERS BY INDUSTRY		
	* Insurance		Apparel & Accessories General Merchandise (Dept. Stores)
	OFFICE OCCUPATIONS		
	Clerk Typists General Office Clerks * Secretaries		* Accounting Clerks Bank Tellers * Bookkeepers * Computer Operators * Keypunch Operators & Verifiers Stenographers Typists
	CRAFTS AND RELATED OCCUPATIONS		
* Cooks, Short Order * **Tool & Die Makers * **Welders & Flame-cutters: Certified			* **Air Conditioning & Heating Installers & Repairers * Appliance Repairers * **Automotive Vehicle Repairers: Mechanic (Motor) * Cooks, Restaurants * **Diesel Mechanics **Die Setters * **Electricians (including Electronics) **Industrial Machinery Operators

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 5, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	CRAFTS AND RELATED OCCUPATIONS (Cont'd.)		
			* **Machinists Machine Tool Operators Machine Tool Setters (Set-up) **Millwrights * **Welders & Flamecutters: Basic
	SERVICE AND RELATED OCCUPATIONS		
	Waiters/Waitresses		Janitors Private Household Workers Teacher Aides

* *Post high school training may be a requirement.*
** *Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 6, 1981-1982
(BLACKFORD, DELAWARE, GRANT, HENRY, MADISON, AND RANDOLPH COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
*Practical Nurses, Licensed *Professional Nurses, Registered			Nurse Aides Qualified Medication Aides
	TECHNICIANS AND RELATED OCCUPATIONS		
		*Programmers *Systems Analysts	*Air Conditioning, Heating & Ventilating Technicians *Drafters: Industrial Mechanical *Electrical Technicians *Electronic Technicians
	MANAGEMENT		
			*Administrative Managers Manager Trainees, Fast Foods Manager Trainees, Financial Institutions Manager Trainees, Restaurants Manager Trainees, Retail
	SALESWORKERS BY INDUSTRY		
			Apparel & Accessories General Merchandise (Dept. Stores)

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 6, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
OFFICE OCCUPATIONS			
* Secretaries	* Bookkeepers		* Accounting Clerks Cashiers Clerk Typists General Office Clerks * Keypunch Operators & Verifiers Stenographers Typists
CRAFTS AND RELATED OCCUPATIONS			
			* **Automotive Vehicle Repairers: Body & Fender Mechanic (Motor), Comb. * Cooks, Restaurant * Cooks, Short Order * **Diesel Mechanics * **Electricians (including Electronics) * **Machinists Machine Tool Operators * **Tool & Die Makers * TV & Radio Repairers
SERVICE AND RELATED OCCUPATIONS			
			Waiters/Waitresses

COMMENTS:

Winchester: *The demand for vegetable farm workers is seasonal for out-of-area workers for tomato harvest.*

* *Post high school training may be a requirement.*
** *Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 7, 1981-1982

(CLAY, PARKE, PUTNAM, SULLIVAN, VERMILLION, AND VIGO COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
*Dental Assistants *Dental Hygienists *Medical Lab. Techns. *Practical Nurses, Licensed *Professional Nurses, Registered	*Emergency Care Techns. *Medical Transcriptionists Nurse Aides Qualified Medication Aides		*Dental Lab. Technicians *Dietetic Technicians (Hospitals) *Medical Laboratory Assistants Orderlies *Psychiatric/Mental Health Techns *Radiologic Technologists Other Hospital and Institutional Workers: Cleaners
	TECHNICIANS AND RELATED OCCUPATIONS		
*Air Conditioning, Heating & Ventilating Technicians *Chemical Technicians *Drafters: Industrial Mechanical	*Electronic Technicians *Water and Waste Water Technicians	*Drafters: Architectural	*Credit/Finance Technicians *Electrical Technicians *Home Service Technicians *Programmers *Systems Analysts
	MANAGEMENT		
	Manager Trainees, Fast Foods Manager Trainees, Financial Institutions		Manager Trainees, Data Processing Manager Trainees, Restaurants Recreational Center Managers: (Private Sector) Tennis

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 7, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
SALESWORKERS BY INDUSTRY			
			Food Services (Restaurants, etc.) (Exclude Service Workers) *Insurance
OFFICE OCCUPATIONS			
* Bookkeepers Clerk Typists Typists Other Clerical Occupations: Legal Secretaries Medical Secretaries	* Accountants General Office Clerks * Keypunch Operators & Verifiers * Secretaries		* Accounting Clerks * Computer Operators File Clerks Order Clerks Stock & Inventory Clerks Stenographers Other Clerical Occupations: Correspondence Clerks
CRAFTS AND RELATED OCCUPATIONS			
Chemical Operators * Cooks, Restaurant * Cooks, Short Order * **Machinists	Extruders (Plastic and Rubber) **Industrial Machinery Operators	Machine Tool Operators	* **Automotive Vehicle Repairers: Body & Fender Mechanic (Motor) **Carpenters * **Diesel Mechanics Drivers: Truck and/or Tractor (over the road) * **Electricians (including Electronics) **Millwrights Small Engine Repairers * **Tool & Die Makers * **Welders & Flamecutters: Certified

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 7, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	SERVICE AND RELATED OCCUPATIONS		
	Cleaners, Housekeeping (Hotels & Motels) Counter & Fountain Workers Janitors Waiters/Waitresses		Guards & Doorkeepers
	AGRICULTURAL OCCUPATIONS		
			Gardeners & Groundskeepers
	NEW/OR EMERGING OCCUPATIONS		
	Energy and Related Occupations: Nuclear		

OCCUPATIONS IN HIGH DEMAND
REGION 8, 1981-1982

(BOONE, HAMILTON, HANCOCK, HENDRICKS, JOHNSON, MARION, MORGAN, AND SHELBY COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
*Medical Records Techns. *Professional Nurses, Registered	Nurse Aides	*Dental Hygienists *Emergency Care Technicians *Medical Transcriptionists *Operating Room Technicians *Radiologic Technologists	*Medical Lab. Technicians Orderlies *Physical Therapists *Practical Nurses, Licensed *Psychiatric/Mental Health Techns. Qualified Medication Aides *Respiratory Therapists *Respiratory Therapy Technicians
	TECHNICIANS AND RELATED OCCUPATIONS		
*Air Conditioning, Heating & Ventilating Technicians *Programmers	*Drafters: Industrial Mechanical	*Systems Analysts	*Electrical Technicians *Electronic Technicians *Mechanical Technicians
	MANAGEMENT		
	Manager Trainees, Fast Foods		Manager Trainees, Restaurants
	SALESWORKERS BY INDUSTRY		
	*Insurance		

* *Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 8, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
OFFICE OCCUPATIONS			
Clerk Typists	General Office Clerks Typists	*Bookkeepers *Secretaries	*Accountants *Accounting Clerks *Computer Operators Receptionists & Telephone Operators
CRAFTS AND RELATED OCCUPATIONS			
* **Diesel Mechanics * **Machinists * **Tool & Die Makers * **Welders & Flame-cutters: Certified	* **Air Conditioning & Heating Installers & Repairers * Cooks, Restaurant * Cooks, Short Order	* **Automotive Vehicle Repairers: Mechanic (Motor) **Millwrights	**Die Setters * **Electricians (including Electronics) * Electrical Motor Repairers **Industrial Machinery Operators Machine Tool Operators Machine Tool Setters (Set-up) * Office Machine Repairers * **Welders & Flamecutters: Basic
SERVICE AND RELATED OCCUPATIONS			
			Counter & Fountain Workers Waiters/Waitresses

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 9, 1981-1982
(FAYETTE, FRANKLIN, RUSH, UNION, AND WAYNE COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
	*Professional Nurses, Registered		Nurse Aides Orderlies *Practical Nurses, Licensed
	TECHNICIANS AND RELATED OCCUPATIONS		
			*Drafters: Industrial Mechanical *Electrical Technicians *Electronic Technicians *Industrial Technicians *Mechanical Technicians *Programmers
	MANAGEMENT		
			*Industrial Management Technicians Manager Trainees, Fast Foods
	SALESWORKERS BY INDUSTRY		
			Food Services (Restaurant, etc.) (exclude Service Workers) *Insurance

* *Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 9, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	OFFICE OCCUPATIONS		* Bookkeepers Clerk Typists General Office Clerks * Keypunch Operators & Verifiers * Secretaries Stenographers Typists
	CRAFTS AND RELATED OCCUPATIONS		
* **Electricians (including Electronics) * **Machinists Machine Tool Operators * **Tool & Die Makers		**Industrial Machinery Operators **Millwrights	* **Automotive Vehicle Repairers: Body & Fender Mechanic (Motor), Comb. **Carpenters * Cooks, Restaurant **Die Setters **Excavating, Grading & Road Machinery Operators Machine Tool Setters (Set-up) **Plasterers & Lathers (including dry wall) **Plumbers & Pipefitters **Roofers **Sheet Metal Workers
	SERVICE AND RELATED OCCUPATIONS		
	Waiters/Waitresses		

COMMENTS:

Richmond: The growing computer field suggests a high demand for trained programmers and systems analysts.

* *Post high school training may be a requirement.*
** *Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 10, 1981-1982
(GREENE, LAWRENCE, MONROE, AND OWEN COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
*Practical Nurses, Licensed *Professional Nurses, Registered *Respiratory Therapists *Respiratory Therapy Technicians			*Medical Lab. Technicians *Medical Records Technicians Nurse Aides *Physical Therapists
	TECHNICIANS AND RELATED OCCUPATIONS		
			*Drafters: Industrial Mechanical *Electronic Technicians
	MANAGEMENT		
			Manager Trainees, Fast Foods Manager Trainees, Financial Institutions Manager Trainees, Restaurants Manager Trainees, Retail
	SALESWORKERS BY INDUSTRY		
			Apparel & Accessories Food Services (Restaurants, etc. (exclude Service Workers) General Merchandise (Dept. Stores)

** Post high school training is most often a requirement.*

OCCUPATONS IN HIGH DEMAND
REGION 10, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	OFFICE OCCUPATIONS		
			* Accountants * Accounting Clerks Bank Tellers * Bookkeepers Clerk Typists General Office Clerks * Keypunch Operators & Verifiers * Secretaries Typists
	CRAFTS AND RELATED OCCUPATIONS		
* **Diesel Mechanics **Tool & Die Makers			* **Automotive Vehicle Repairers: Body & Fender Mechanic (Motor), Comb. * Cooks, Restaurants * Cooks, Short Order **Die Setters **Industrial Machinery Operators * **Machinists Machine Tool Operators Machine Tool Setters (Set-up)
	SERVICE AND RELATED OCCUPATIONS		
Waiters/Waitresses			Janitors

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 11, 1981-1982
(BARTHOLOMEW, BROWN, DECATUR, JACKSON, AND JENNINGS COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	HEALTH RELATED OCCUPATIONS		
Nurse Aides *Practical Nurses, Licensed *Professional Nurses, Registered	*Medical Lab. Assts. *Physical Therapists		*Child Care Technicians *Dental Assistants *Dietetic Assistants Orderlies *Physical Therapy Assistants Psychiatric Attendants
	TECHNICIANS AND RELATED OCCUPATIONS		
	*Air Conditioning, Heating & Ventilating Technicians		*Cable Television Technicians *Drafters: Industrial Mechanical *Law Enforcement Technicians *Mechanical Technicians
	MANAGEMENT		
	Manager Trainees, Fast Foods Manager Trainees, Restaurants		*Industrial Management Technicians Manager Trainees, Financial Institutions Manager Trainees, Retail
	SALESWORKERS BY INDUSTRY		
		*Insurance	

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 11, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	OFFICE OCCUPATIONS		
* Secretaries	* Accounting Clerks Clerk Typists		* Bookkeepers Cashiers General Office Clerks Receptionists & Telephone Operators
	CRAFTS AND RELATED OCCUPATIONS		
* Cooks, Restaurants	* **Air Conditioning & Heating Installers & Repairers * Cooks, Short Order * **Electricians (including Electronics) Extruders (Plastic & Rubber) Machine Tool Operators Machine Tool Setters (Set-up) Millwrights Sewers & Stitchers (Mfg. only) * **Tool & Die Makers		* **Automotive Vehicle Repairers: Mechanic (Motor) * **Diesel Mechanics **Die Setters Drivers: Truck and/or Tractor (over the road) * **Machinists Small Engine Repairers * TV & Radio Repairers
	SERVICE AND RELATED OCCUPATIONS		
Waiters/Waitresses	Janitors		Automobile Attendants: Gas & Parking Cleaners, Housekeeping (Hotels & Motels) Counter & Fountain Workers

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 12, 1981-1982
(DEARBORN, JEFFERSON, OHIO, RIPLEY, AND SWITZERLAND COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
		HEALTH RELATED OCCUPATIONS	Nurse Aides *Practical Nurses, Licensed *Professional Nurses, Registered
		TECHNICIANS AND RELATED OCCUPATIONS	*Cable Television Technicians *Drafters: Mechanical *Electrical Technicians
		SALESWORKERS BY INDUSTRY	Food Services (Restaurants, etc.)(Exclude Service Workers)
		OFFICE OCCUPATIONS	*Accounting Clerks Clerk Typists File Clerks General Office Clerks *Secretaries Typists

* *Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 12, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	CRAFTS AND RELATED OCCUPATIONS		
			* Agricultural Implement Mechanics * **Air Conditioning & Heating Installers & Repairers * Appliance Repairers * **Automotive Vehicle Repairers: Mechanic (Motor) Combination **Boilermakers * Cooks, Restaurant * Cooks, Short Order * **Diesel Mechanics Machine Tool Operators Machine Tool Setters (Set-up)
	SERVICE AND RELATED OCCUPATIONS		
			Counter & Fountain Workers Waiters/Waitresses

COMMENTS:

Madison: Two occupations in this area that seem to be growing in demand are safety inspectors and security guards.

** Post high school training may be a requirement.*
*** Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 13, 1981-1982
(DAVIESS, DUBOIS, GIBSON, KNOX, MARTIN, PERRY, PIKE, POSEY, SPENCER, VANDERBURG, AND WARRICK COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
HEALTH RELATED OCCUPATIONS			
*Practical Nurses, Licensed *Professional Nurses, Registered	Nurse Aides		*Medical Lab. Technicians *Medical Records Technicians *Medical Transcriptionists *Occupational Therapists *Occupational Therapy Assts. *Physical Therapists Psychiatric Attendants *Psychiatric/Mental Health Technicians
TECHNICIANS AND RELATED OCCUPATIONS			
		*Programmers *Systems Analysts	*Automotive Technicians/Service Writers *Cable Television Technicians *Drafters: Industrial Mechanical *Electronic Technicians
MANAGEMENT			
	Manager Trainees, Fast Foods		*Administrative Managers Manager Trainees, Data Processing Manager Trainees, Financial Institutions Manager Trainees, Restaurants Manager Trainees, Retail

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 13, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
SALESWORKERS BY INDUSTRY			
* Insurance	Food Services (Restaurants, etc.) (Exclude Service Workers)		Food Distribution (Grocery Stores) (Exclude Service Workers) General Merchandise (Department Stores) * Real Estate
OFFICE OCCUPATIONS			
* Secretaries Typists	Clerk Typists	Stenographers	* Accountants * Accounting Clerks Bank Tellers * Bookkeepers Cashiers * Computer Operators General Office Clerks * Keypunch Operators & Verifiers Shipping & Receiving Clerks Stock & Inventory Clerks
CRAFTS AND RELATED OCCUPATIONS			
* **Automotive Vehicle Repairers: Mechanic (Motor)	* Cooks, Restaurant * Cooks, Short Order Drivers: Truck and/or Tractor (over the road) **Industrial Machinery Operators	* **Machinists Sewers & Stitchers (Mfg. only)	* **Air Conditioning & Heating Installers & Repairers * Automotive Vehicle Repairers: Body & Fender **Carpenters * Cosmetologists/Hairdressers (Beauty Operators) Delivery & Route Workers * **Diesel Mechanics * **Electricians (including Electronics) **Millwrights **Plumbers & Pipefitters **Roofers **Sheet Metal Workers Small Engine Repairers

** Post high school training may be a requirement.*
*** Apprenticeship traingin is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 13, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	SERVICE AND RELATED OCCUPATIONS		
	Waiters/Waitresses		Cleaners, Housekeeping (Hotels & Motels) Counter & Fountain Workers Private Household Workers
	NEW/OR EMERGING OCCUPATIONS		
			Energy & Related Occupations: Coal

COMMENTS:

Tell City: Additional occupations that are expected to be in high demand in this area are furniture assemblers, woodworking machining operators and vocational instructors.

OCCUPATIONS IN HIGH DEMAND
REGION 14, 1981-1982
(CLARK, CRAWFORD, FLOYD, HARRISON, ORANGE, SCOTT, AND WASHINGTON COUNTIES)

Based on information from a survey requesting relative need evaluations for over 170 occupations related to vocational and technical training. Local offices of Indiana Employment Security Division were surveyed during February, 1981. Changes in local economic conditions can, of course, alter the demand for workers.

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
		HEALTH RELATED OCCUPATIONS	
*Professional Nurses, Registered		*Medical Lab. Techns. *Practical Nurses, Licensed *Respiratory Therapists *Respiratory Therapy Techns.	Nurse Aides Orderlies
		TECHNICIANS AND RELATED OCCUPATIONS	
		*Vocational Guidance Specialists	
		MANAGEMENT	
		Manager Trainees, Fast Foods	Manager Trainees, Retail
		SALESWORKERS BY INDUSTRY	
		Apparel & Accessories	General Merchandise (Department Stores)
		OFFICE OCCUPATIONS	
*Accountants *Accounting Clerks *Bookkeepers Clerk Typists	Cashiers General Office Clerks	*Secretaries	Receptionists & Telephone Operators

** Post high school training is most often a requirement.*

OCCUPATIONS IN HIGH DEMAND
REGION 14, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
CRAFTS AND RELATED OCCUPATIONS			
**Carpenters * Cooks, Restaurant * Cooks, Short Order Drivers: Bus & Cab * **Welders & Flame-cutters: Basic, Certified	* **Automotive Vehicle Repairers: Mechanic (Motor) Drivers: Truck and/or Tractor (over the road)	* **Air Conditioning & Heating Installers & Repairers * Automotive Vehicle Repairers: Combination **Boilermakers * **Electricians (including Electronics) * Electrical Motor Repairers **Heavy Construction Operators: Crane, Derrick & Hoist Operators Excavating, Grading & Road Machinery Operators **Industrial Machinery Operators * **Machinists Machine Tool Operators Machine Tool Setters (Set-up) * Office Machine Repairers **Painters & Decorators **Plumbers & Pipefitters * **Tool & Die Makers	* Automotive Vehicle Repairers: Body & Fender * Cosmetologists/Hairdressers (Beauty Operators) **Roofers Sewers & Stitchers (Mfg. only) **Structural Metal Workers

* *Post high school training may be a requirement.*
** *Apprenticeship training is a source for entry.*

OCCUPATIONS IN HIGH DEMAND
REGION 14, 1981-1982 (Cont'd.)

HEAVIEST Possible Inadequate Supply	HEAVIEST	MODERATELY HEAVY Possible Inadequate Supply	MODERATELY HEAVY
	SERVICE AND RELATED OCCUPATIONS		
Cleaners, Housekeeping (Hotels & Motels) Private Household Workers	Counter & Fountain Workers Guards & Doorkeepers Waiters/Waitresses	Day Nursery Workers and Operators	Automobile Attendants: Gas & Parking Janitors Social Service Aides Teacher Aides
	AGRICULTURAL OCCUPATIONS		
	Gardeners & Groundskeepers		

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

These occupations were evaluated for the two-year period, 1981-1982. Changes in local economic conditions can, of course, alter the demand for workers. Many of these occupations may require post-secondary training and/or previous work experience.

*The supply of trained workers may be inadequate to meet the demand.

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
HEALTH RELATED OCCUPATIONS														
Child Care Technicians											X			
Dental Assistants	X		X	X			X*				X			
Dental Hygienists	X		X				X*	X*						
Dental Laboratory Technicians	X						X							
Dietetic Assistants											X			*
Dietetic Technicians (Hospitals)							X							
Dietetic Technicians (except Hospitals)														*
Emergency Care Technicians	X						X	X*						
Home Health Aides				X										*
Medical Laboratory Assistants	X	X		X			X				X			
Medical Laboratory Technicians	X*	X*	X	X			X*	X		X			X	X*
Medical Records Technicians				X	X			X*		X			X	*
Medical Transcriptionists	X*	X*		X			X	X*					X	
Nuclear Medical Technologists	*													
Nurse Aides		X*	X	X*	X	X	X	X	X	X	X*	X	X	X
Occupational Therapists	X*												X	

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
HEALTH RELATED OCCUPATIONS (Cont'd)														
Occupational Therapy Assistants	X												X	
Operating Room Technicians	X*	X*						X*						*
Orderlies		X		X*	X		X	X	X		X			X
Physical Therapists	X*				X			X		X			X	
Physical Therapy Assistants	X										X			
Practical Nurses, Licensed	X*	X*	X*	X*	X*	X*	X*	X	X	X*	X*	X	X*	X*
Professional Nurses, Registered	X*	X*	X*	X*	X*	X*	X*	X*	X	X*	X*	X	X*	X*
Psychiatric Attendants					X						X		X	
Psychiatric/Mental Health Technicians					X		X	X					X	
Qualified Medication Aides					X	X	X	X						
Radiologic Technologists	X*						X	X*						*
Respiratory Therapists	X*	X*	X*					X		X*				X*
Respiratory Therapy Technicians		*						X		X*				X*
Other Medical & Health Workers: Cleaners							X							
TECHNICIANS AND RELATED OCCUPATIONS														
Air Conditioning, Heating & Ventilating Technicians	X*	X*		X	X	X	X*	X*			X			
Automotive Technicians/Service Writers	*		X*										X	*
Cable Television Technicians	X*	X	X	X	X						X	X	X	
Chemical Technicians	X*			X			X*							

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
TECHNICIANS AND RELATED OCCUPATIONS (Cont'd)														
Credit/Finance Technicians	X*						X							
Drafters:														
Industrial	X	X*	X*	X	X	X	X*	X	X	X	X		X	*
Mechanical	X	X*	X*	X	X	X	X*	X	X	X	X	X	X	
Architectural		X	X				X*							
Economic Technicians			X*											
Electrical Technicians	X*	X*	X*		X	X	X	X	X			X		
Electronic Technicians	X*	X*	X*	X*	X	X	X	X	X	X			X	
Home Service Technicians							X							
Industrial Technicians		X*	X*	X					X					
Law Enforcement Technicians				X							X			
Mechanical Technicians		X	X	X				X	X		X			
Programmers	X*	X*	X*	X	X	X*	X	X*	X				X*	
Social Service Technicians														*
Systems Analysts	X	X*	X*	X		X*	X	X*					X*	
Vocational Guidance Specialists			X											X*
Water & Waste Water Technicians	*						X							*
MANAGEMENT														
Administrative Managers		X	X	X		X							X	
Industrial Management Technicians		X		X					X		X			

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
MANAGEMENT (Cont'd)														
Manager Trainees, Data Processing	X*		X				X						X	
Manager Trainees, Fast Foods	X	X	X	X*	X	X	X	X	X	X	X		X	X*
Manager Trainees, Financial Institutions	X			X	X	X	X			X	X		X	
Manager Trainees, Restaurants	X*	X	X	X	X	X	X	X		X	X		X	
Manager Trainees, Retail		X				X				X	X		X	X
Recreational Center Managers: Tennis							X							
SALESWORKERS BY INDUSTRY														
Apparel & Accessories		X			X	X				X				X*
Fashion Merchandising														*
Food Distribution (Grocery Stores) (Exclude Service Workers)			X	X									X	
Food Services (Restaurants, etc.) (Exclude Service Workers)		X	X	X			X		X	X		X	X	
General Merchandise (Department Stores)		X		X	X	X				X			X	X*
Home Furnishings				X										
Insurance	X*	X*		X*	X		X	X	X		X*		X*	
Real Estate													X	
Other Retail Trade: Advertising (News Media)	*													

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
OFFICE OCCUPATIONS														
Accountants	X	X	X	X			X	X		X			X	X*
Accounting Clerks	X	X*	X*	X	X	X	X	X		X	X	X	X	X*
Bank Tellers		X		X	X					X			X	
Bookkeepers	X	X	X	X	X	X	X*	X*	X	X	X		X	X*
Bookkeeping Machine Operators	X													
Cashiers	X			X		X					X		X	X
Clerk Typists	X	X	X*	X*	X	X	X*	X*	X	X	X	X	X	X*
Computer Operators	X	X	X	X	X		X	X					X	
File Clerks				X			X					X		
General Office Clerks	X	X	X*	X	X	X	X	X	X	X	X	X	X	X
Keypunch Operators & Verifiers			X	X	X	X	X		X	X			X	
Order Clerks				X			X							
Receptionists & Telephone Operators	X		X					X			X			X
Shipping & Receiving Clerks			X	X									X	
Stock & Inventory Clerks				X			X						X	
Secretaries	X*	X*	X*	X*	X	X*	X	X*	X	X	X*	X	X*	X*
Stenographers	X*		X*		X	X	X		X				X*	
Typists	X	X*	X*	X*	X	X	X*	X	X	X		X	X*	*
Other Office Machine Operators:														
Terminal Systems Operators (CRT & Related Electronic Equipment)	*		*											
Mag Card Typists			*											
Memory Typewriter			*											

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
OFFICE OCCUPATIONS (Cont'd)														
Other Clerical Occupations:														
Correspondence Clerks							X							
Legal Secretaries							X*							
Medical Secretaries							X*							
CRAFTS AND RELATED OCCUPATIONS														
Agricultural Implement Mechanics				X								X		
Air Conditioning & Heating Installers & Repairers	X*	X*	X*	X	X			X	X		X	X	X	X*
Appliance Repairers	X*				X							X		*
Automotive Vehicle Repairers:														
Body & Fender	X			X		X	X	*	X	X			X	X
Mechanic (Motor)	X	X*	X*	X	X	X	X	X*	X	X	X	X	X*	X
Combination	X	X*		X		X			X	X		X		X*
Boilermakers	X											X		X*
Bookbinders & Workers				X										
Carpenters		X	X	X			X		X				X	X*
Chemical Operators	X			X			X*							
Cooks, Restaurant	X*	X*	X	X	X	X	X*	X	X	X	X*	X	X	X*
Cooks, Short Order	X	X	X	X	X*	X	X*	X		X	X	X	X	X*
Cosmetologists/Hairdressers (Beauty Operators)													X	X
Delivery & Route Workers				X									X	*
Diesel Mechanics	X*	X*	X*	X	X	X	X	X*		X*	X	X	X	*
Die Setters	X	X*	X	X	X			X	X	X	X			*

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CRAFTS AND RELATED OCCUPATIONS (Cont'd)														
Drivers: Bus & Cab														X*
Drivers: Industrial Equipment			X											
Drivers: Truck and/or Tractor (over the road)				X			X				X		X	X
Electricians (Including Electronics)	X*	X*	X*	X	X	X	X	X	X*		X	X	X	X*
Electrical Motor Repairers	X*		X	X				X						X*
Extruders (Plastic & Rubber)			X	X			X				X			
Foundry Core Makers			X	X										
Foundry Molders			X	X										
Heavy Construction Operators: Crane, Derrick & Hoist Operators	X*													X*
Excavating, Grading & Road Machinery Operators				X					X					X*
Industrial Machinery Repairers	X	X	X*	X*	X		X	X	X*	X			X	X*
Machinists	X*	X*	X*	X	X	X	X*	X*	X*	X	X		X*	X*
Machine Tool Operators	X*	X		X	X	X	X*	X	X*	X	X	X		X*
Machine Tool Setters (Set-Up)	X*	X		X	X			X	X	X	X	X		X*
Millwrights	X	X	X*	X	X		X	X*	X*		X		X	*
Office Machine Repairers								X						X*
Painters & Decorators														X
Plasterers & Lathers (Including Dry Wall)									X					

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CRAFTS AND RELATED OCCUPATIONS (Cont'd)														
Plumbers & Pipefitters	X	X*	X	X					X				X	X*
Roofers		X		X*					X				X	X
Sewers & Stitchers (Manufacturing)		X									X		X*	X
Sheet Metal Workers	X*			X					X				X	
Small Engine Repairers	X*		X*				X				X		X	
Structural Metal Workers	X			X										X
Tool & Die Makers	X	X*	X*	X*	X*	X	X	X*	X*	X*	X			X*
TV & Radio Repairers						X					X			*
Welders & Flamecutters:														
Basic				X	X			X						X*
Certified	X*	X*	X	X	X*		X	X*						X*
SERVICE AND RELATED OCCUPATIONS														
Automobile Attendants: Gas & Parking											X			X
Cleaners, Housekeeping (Hotels & Motels)		X		X			X				X		X	X*
Counter & Fountain Workers		X		X			X	X			X	X	X	X
Day Nursery Workers & Operators	X			X										X*
Guards & Doorkeepers							X							X
Janitors	X	X	X	X	X		X			X	X			X
Private Household Workers				X	X								X	X*
Social Service Aides		X												X

OCCUPATIONS IN HIGH DEMAND 1981-1982

for Indiana Economic Regions 1/

OCCUPATIONS	ECONOMIC REGIONS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
SERVICE AND RELATED OCCUPATIONS (Cont'd)														
Teacher Aides					X									X
Waiters/Waitresses	X	X	X	X*	X	X	X	X	X	X*	X*	X	X	X
AGRICULTURAL OCCUPATIONS														
Grain Farm Workers				X										
Vegetable Farm Workers			X*											
Nursery Workers				X										
Gardeners & Groundskeepers							X							X
NEW/OR EMERGING OCCUPATIONS														
Energy & Related Occupations:														
Nuclear							X							
Word Processing Technicians		X		X										

*The supply of trained workers may be inadequate to meet the demand.

1/ *Occupational need evaluations are furnished by the local offices of the Indiana Employment Security Division within each Region as requested by the State Board of Vocational and Technical Education. Evaluations are made for over 150 occupations requiring vocational education training in either secondary or post-secondary schools. Complete evaluations for each Region are available upon request.*

INDIANA EMPLOYMENT SECURITY DIVISION
Research and Statistics Section
10 North Senate Avenue
Indianapolis, Indiana 46204

REGION 1

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 1
Indiana Employment Security Division, Research & Statistics, November 1979

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters & Cleaners	602	123	479
2.	+	Sales Clerks	435	115	320
3.	+	Nurse Aides/Orderlies	331	160	171
4.	+	General Clerks, Office	329	106	223
5.	-	Sales Representatives & Other Sales Workers	326	67	259
6.	-	Secretaries	285	70	215
7.	-	Blue Collar Worker Supervisors	282	81	201
8.	+	Waiters/Waitresses	270	121	149
9.	+	Cashiers	254	82	172
10.	+	Nurses, Professional	197	85	112
11.	+	Food Preparation & Service Workers, Fast Food Restaurants	193	74	119
12.	+	Guards & Doorkeepers	193	39	154

+ These occupations are growing faster than the average (1.3) for all occupations.
- These occupations are growing average (1.3) to less than the average for all occupations.
--- Declining occupations.

REGION 1

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

OCCUPATIONS	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. - Truck Drivers	180	57	123
14. + Typists	145	46	99
15. ---Elementary School Teachers	140	-38	178
16. - Store Managers	137	29	108
17. + Bookkeepers, Hand	126	33	93
18. - Assemblers	124	44	80
19. - Welders & Flamecutters	118	46	72
20. - Electricians	118	43	75
21. - Helpers, Trades	118	48	70
22. + Carpenters	118	33	85
23. + Accounting Clerks	112	29	83
24. + Cooks, Short Order/Spec. Fast Foods	98	34	64
25. - Sewers & Stitchers	94	20	74
TOTALS	5,325	1547	3778

The total annual average job needs for these 25 occupations represent 39.7 per cent of the annual average job needs expected for all occupations in Region 1 during the period 1976-1982.

+ These occupations are growing faster than the average (1.3) for all occupations.
- These occupations are growing average (1.3) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 2

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 2
Indiana Employment Security Division, Research & Statistics, November 1979

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	437	90	347
2.	-	Assemblers	428	157	271
3.	-	Sales Representatives & Workers	301	64	237
4.	+	Sales Clerks	294	77	217
5.	+	General Clerks, Office	231	73	158
6.	-	Secretaries	217	55	162
7.	+	Nurse Aides/Orderlies	211	106	105
8.	+	Waiters/Waitresses	188	84	104
9.	+	Cashiers	148	47	101
10.	-	Blue Collar Worker Supervisors	130	45	85
11.	-	Truck Drivers	128	42	86
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	128	49	79

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

REGION 2

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	+ Guards & Doorkeepers	117	27	90
14.	+ Nurses, Professional	103	45	58
15.	---Elementary School Teachers	100	-24	124
16.	- Inspectors	94	24	70
17.	+ Bookkeepers, Hand	93	25	68
18.	- Sewers & Stitchers	91	20	71
19.	+ Typists	89	30	59
20.	- Store Managers	87	19	68
21.	+ Accounting Clerks	80	22	58
22.	- Carpenters	75	20	55
23.	+ Compression/Injection Molding Machine Operators	71	47	24
24.	- Welders & Flamecutters	67	24	43
25.	- Stock Clerks, Stockroom, Warehouse, etc.	67	19	48
	TOTALS	3,975	1,187	2,788

The total annual average job needs for these 25 occupations represent 43.5 per cent of the annual average job needs expected for all occupations in Region 2 during the period 1976-1982.

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 3

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 3
Indiana Employment Security Division, Research & Statistics, January 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	-	Assemblers	427	118	309
2.	+	Janitors, Porters, & Cleaners	426	87	339
3.	-	Sales Clerks	327	79	248
4.	-	Sales Representatives & Sales-workers	310	63	247
5.	+	Nurse Aides/Orderlies	258	126	132
6.	+	General Clerks, Office	257	79	178
7.	-	Secretaries	212	54	158
8.	+	Waiters/Waitresses	203	91	112
9.	+	Cashiers	175	55	120
10.	+	Food Preparation & Service Workers, Fast Food Restaurants	143	55	88
11.	+	Nurses, Professional	140	60	80
12.	-	Truck Drivers	139	43	96

+ These occupations are growing faster than the average (1.3) for all occupations.
- These occupations are growing average (1.3) to less than the average for all occupations.
--- Declining occupations.

REGION 3

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. +	Guards & Doorkeepers	127	30	97
14. -	Blue Collar Worker Supervisors	120	34	86
15. +	Typists	100	33	67
16. -	Store Managers	97	20	77
17. +	Bookkeepers, Hand	96	24	72
18. -	Inspectors	95	17	78
19. +	Accounting Clerks	83	22	61
20. ---	Elementary School Teachers	80	-21	101
21. -	Stock Clerks, Stockroom, Warehouse, etc.	74	19	55
22. +	Cooks, Short Order/Specialty Fast Foods	73	25	48
23. -	Automotive Mechanics	67	16	51
24. -	Delivery & Route Workers	66	11	55
25. -	Carpenters	62	17	45
	TOTALS	4,157	1,157	3,000

The total annual average job needs for these 25 occupations represent 44.6 per cent of the annual average job needs expected for all occupations in Region 3 during the period 1976-1982.

\+ *These occupations are growing faster than the average (1.3) for all occupations.*
\- *These occupations are growing average (1.3) to less than the average for all occupations.*
--- *Declining occupations.*

See footnote on page 90.

REGION 4

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 4
Indiana Employment Security Division, Research & Statistics, January 1980

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1. +	Janitors, Porters, & Cleaners	224	45	179
2. -	Sales Clerks	132	33	99
3. +	Nurse Aides/Orderlies	129	65	64
4. -	Assemblers	102	40	62
5. -	Sales Representatives & Sales-workers	102	19	83
6. +	General Clerks, Office	101	31	70
7. -	Secretaries	99	21	78
8. +	Waiters/Waitresses	99	44	55
9. ---	Elementary School Teachers	86	-18	104
10. +	Cashiers	75	23	52
11. +	Food Preparation & Service Workers, Fast Food Restaurants	70	27	43
12. -	Secondary School Teachers	60	0	60

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

REGION 4

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	+	Nurses, Professional	57	25	32
14.	-	Blue Collar Worker Supervisors	52	19	33
15.	-	Truck Drivers	44	12	32
16.	+	Typists	43	14	29
17.	-	Store Managers	40	8	32
18.	-	Bookkeepers, Hand	39	9	30
19.	+	Guards & Doorkeepers	36	7	29
20.	-	Accounting Clerks	35	9	26
21.	+	Cooks, Short Order/Specialty, Fast Foods	35	12	23
22.	-	Inspectors	34	10	24
23.	-	Cooks, Institutional	33	6	27
24.	+	Cooks, Restaurant	29	10	19
25.	-	Production Packagers	28	8	20
		TOTALS	1,784	479	1,305

The total annual average job needs for these 25 occupations represent 43.7 per cent of the annual average job needs expected for all occupations in Region 4 during the period 1976-1982.

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

** See footnote on page 90.*

REGION 5

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 5
Indiana Employment Security Division, Research & Statistics, January 1980

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1. +	Janitors, Porters, & Cleaners	172	31	141
2. -	Assemblers	171	37	134
3. +	Sales Clerks	119	30	89
4. +	Nurse Aides/Orderlies	118	58	60
5. +	Sales Representatives & Other Sales-workers	91	17	74
6. +	General Clerks, Office	90	26	64
7. +	Waiters/Waitresses	82	37	45
8. -	Inspectors	77	11	66
9. -	Secretaries	75	17	58
10. +	Cashiers	66	21	45
11. +	Nurses, Professional	60	26	34
12. +	Food Preparation & Service Workers, Fast Food Restaurants	58	22	36

+ These occupations are growing faster than the average (1.1) for all occupations.
- These occupations are growing average (1.1) to less than average for all occupations.
--- Declining occupations.

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	- Blue Collar Worker Supervisors	57	14	43
14.	- Truck Drivers	44	12	32
15.	- Store Managers	38	8	30
16.	+ Bookkeepers, Hand	35	8	27
17.	--- Elementary School Teachers	35	-10	45
18.	+ Guards & Doorkeepers	35	6	29
19.	+ Typists	35	11	24
20.	+ Accounting Clerks	30	7	23
21.	+ Cooks, Short Order/Specialty, Fast Foods	29	10	19
22.	- Stock Clerks, Stockroom, Warehouse, etc.	26	6	20
23.	+ Cooks, Restaurant	25	9	16
24.	+ Bank Tellers	24	10	14
25.	+ Licensed Practical Nurses	23	10	13
	+ Sewers & Stitchers	23	5	18
	+ Stock Clerks, Sales Floor	23	12	11
	TOTALS	1,661	451	1,210

The total annual average job needs for these 25 occupations represent 44.5 per cent of the annual average job needs expected for all occupations in Region 5 during the period 1976-1982.

+ These occupations are growing faster than the average (1.1) for all occupations.
- These occupations are growing average (1.1) to less than the average for all occupations.
--- Declining occupations.

** See footnote on page 90.*

REGION 6

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 6
Indiana Employment Security Division, Research & Statistics, January 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	-	Assemblers	365	126	239
2.	+	Janitors, Porters, & Cleaners	326	54	272
3.	+	Sales Clerks	218	56	162
4.	+	Nurse Aides/Orderlies	203	100	103
5.	-	Sales Representatives & Sales Workers	181	38	143
6.	+	General Clerks, Office	163	50	113
7.	+	Waiters/Waitresses	149	67	82
8.	+	Cashiers	142	45	97
9.	-	Secretaries	142	32	110
10.	-	Inspectors	115	22	93
11.	-	Blue Collar Worker Supervisors	108	31	77
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	107	41	66

+ These occupations are growing faster than the average (1.2) for all occupations.
- These occupations are growing average (1.2) to less than the average for all occupations.
--- Declining occupations.

REGION 6

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	+ Nurses, Professional	105	45	60
14.	--- Elementary School Teachers	89	-23	112
15.	+ Guards & Doorkeepers	78	15	63
16.	- Truck Drivers	77	24	53
17.	- Store Managers	76	16	60
18.	- Tool & Die Makers	72	24	48
19.	- Punch Press Operators, Metal	67	23	44
20.	+ Bookkeepers, Hand	67	17	50
21.	+ Typists	62	20	42
22.	+ Accounting Clerks	56	14	42
23.	+ Cooks, Short Order/Specialty, Fast Foods	54	19	35
24.	+ Stock Clerks, Sales Floor	53	27	26
25.	- Stock Clerks, Stockroom, Warehouse, etc.	48	13	35
	TOTALS	3,123	896	2,227

The total annual average job needs for these 25 occupations represent 44.3 per cent of the annual average job needs expected for all occupations in Region 6 during the period 1976-1982.

\+ *These occupations are growing faster than the average (1.2) for all occupations.*
\- *These occupations are growing average (1.2) to less than the average for all occupations.*
--- *Declining occupations.*

* *See footnote on page 90.*

REGION 7

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 7
Indiana Employment Security Division, Research & Statistics, November 1979

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	159	31	128
2.	+	Sales Clerks	113	30	83
3.	-	Sales Representatives, & Other Sales-workers	109	26	83
4.	+	Nurse Aides/Orderlies	103	51	52
5.	+	General Clerks, Office	100	34	66
6.	-	Secretaries	77	18	59
7.	+	Waiters/Waitresses	74	33	41
8.	+	Cashiers	63	20	43
9.	+	Food Preparation & Service Workers, Fast Food Restaurants	53	20	33
10.	-	Truck Drivers	52	17	35
11.	---	Elementary School Teachers	50	-11	61
12.	+	Nurses, Professional	46	20	26

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than average for all occupations.
--- Declining occupations.

REGION 7

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. -	Delivery & Route Workers	40	14	26
14. -	Store Managers	40	10	30
15. -	Assemblers	39	12	27
16. -	Blue Collar Worker Supervisors	39	13	26
17. +	Typists	35	12	23
18. +	Bookkeepers, Hand	34	9	25
19. +	Guards & Doorkeepers	30	6	24
20. -	Production Packagers	29	8	21
21. +	Accounting Clerks	28	8	20
22. +	Stock Clerks, Stockroom, Warehouse, etc.	27	9	18
23. +	Cooks, Short Order/Specialty	27	9	18
24. ---	Secondary School Teachers	25	-10	35
25. -	Cooks, Institutional	23	5	18
	TOTALS	1,415	394	1,021

The total annual average job needs for these 25 occupations represent 43.7 per cent of the annual average job needs expected for all occupations in Region 7 during the period 1976-1982.

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 8

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 8
Indiana Employment Security Division, Research & Statistics, September 1979

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	1,166	260	906
2.	+	Sales Representatives & Other Sales-workers	968	231	737
3.	+	Sales Clerks	872	235	637
4.	+	General Clerks, Office	742	241	501
5.	+	Nurse Aides/Orderlies	674	316	358
6.	-	Secretaries	610	165	445
7.	+	Waiters/Waitresses	489	218	271
8.	+	Cashiers	435	140	295
9.	+	Guards & Doorkeepers	368	91	277
10.	-	Truck Drivers	356	123	233
11.	+	Food Preparation & Service Workers, Fast Food Restaurants	339	131	208
12.	+	Nurses, Professional	339	143	196

\+ *These occupations are growing faster than the average (1.5) for all occupations.*
\- *These occupations are growing average (1.5) to less than the average for all occupations.*
--- *Declining occupations.*

REGION 8

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	-	Assemblers	327	69	258
14.	+	Typists	315	109	206
15.	-	Bookkeepers, Hand	250	66	184
16.	-	Store Managers	238	53	185
17.	-	Blue Collar Worker Supervisors	226	70	156
18.	+	Accounting Clerks	218	63	155
19.	---	Elementary School Teachers	210	-51	261
20.	+	Accountants & Auditors	180	73	107
21.	+	Cooks, Short Order	177	61	116
22.	-	Stock Clerks, Storeroom & Warehouse	176	51	125
23.	-	Delivery & Route Workers	169	40	129
24.	-	Inspectors	154	28	126
25.	+	Bank Tellers	147	63	84
	+	Cooks, Restaurant	147	51	96
		TOTALS	10,292	3,040	7,252

The total annual average job needs for these 25 occupations represent 44.3 per cent of the annual average job needs expected for all occupations in Region 8 during the period 1976-1982.

\+ *These occupations are growing faster than the average (1.5) for all occupations.*
\- *These occupations are growing average (1.5) to less than the average for all occupations.*
--- *Declining occupations.*

* *See footnote on page 90.*

REGION 9

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 9
Indiana Employment Security Division, Research & Statistics, January 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Assemblers	123	50	73
2.	+	Janitors, Porters, & Cleaners	100	20	80
3.	+	Sales Clerks	75	21	54
4.	+	Nurse Aides/Orderlies	67	33	34
5.	-	Sales Representatives & Other Sales-workers	58	12	46
6.	+	General Clerks, Office	55	18	37
7.	-	Inspectors	52	14	38
8.	-	Secretaries	47	11	36
9,	+	Waiters/Waitresses	47	21	26
10.	+	Cashiers	40	13	27
11.	+	Nurses, Professional	35	15	20
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	33	13	20

\+ *These occupations are growing faster than the average (1.4) for all occupations.*
\- *These occupations are growing average (1.4) to less than the average for all occupations.*
--- *Declining occupations.*

REGION 9

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	- Blue Collar Worker Supervisors	32	10	22
14.	+ Guards & Doorkeepers	25	6	19
15.	--- Elementary School Teachers	24	-7	31
16.	- Truck Drivers	24	8	16
17.	+ Typists	24	8	16
18.	- Store Managers	23	5	18
19.	- Bookkeepers, Hand	21	5	16
20.	- Stock Clerks, Stockroom, Warehouse, etc.	19	6	13
21.	+ Accounting Clerks	18	5	13
22.	- Punch Press Operators, Metal	18	7	11
23.	+ Sheet Metal Workers	18	7	11
24.	+ Cooks, Short Order/Specialty, Fast Foods	17	6	11
25.	- Production Packagers	17	4	13
	TOTALS	1,012	311	701

The total annual average job needs for these 25 occupations represent 46 per cent of the annual average job needs expected for all occupations in Region 9 during the period 1976-1982.

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 10

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 10
Indiana Employment Security Division, Research & Statistics, January 1980

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1. -	Janitors, Porters, & Cleaners	128	17	111
2. +	Nurse Aides/Orderlies	82	41	41
3. -	Assemblers	81	22	59
4. +	Sales Clerks	76	18	58
5. ---	Elementary School Teachers	71	-15	86
6. +	Waiters/Waitresses	63	28	35
7. -	Secretaries	59	9	50
8. +	Cashiers	49	15	34
9. -	Sales Representatives & Other Sales-workers	48	9	39
10. +	Food Preparation & Service Workers	45	17	28
11. -	Testors	43	4	39
12. -	General Clerks, Office	40	1	39

+ These occupations are growing faster than the average (1.1) for all occupations.
- These occupations are growing average (1.1) to less than the average for all occupations.
--- Declining occupations.

REGION 10

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. --- Secondary School Teachers	36	-13	49
14. + Nurses, Professional	35	15	20
15. - Truck Drivers	28	9	19
16. + Guards & Doorkeepers	26	5	21
17. - Store Managers	26	5	21
18. - Cooks, Institutional	24	3	21
19. - Blue Collar Worker Supervisors	23	7	16
20. + Cooks, Short Order/Specialty, Fast Foods	23	8	15
21. + Typists	23	7	16
22. + Bookkeepers, Hand	22	6	16
23. + Cooks, Restaurant	19	7	12
24. + Accounting Clerks	17	4	13
25. + Tool & Die Makers	17	5	12
TOTALS	1,104	234	870

The total annual average job needs for these 25 occupations represent 47.3 per cent of the annual average job needs expected for all occupations in Region 10 during the period 1976-1982.

+ These occupations are growing faster than the average (1.1) for all occupations.
- These occupations are growing average (1.1) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 11

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 11
Indiana Employment Security Division, Research & Statistics, January 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	108	21	87
2.	+	Nurse Aides/Orderlies	75	35	40
3.	-	Assemblers	69	23	46
4.	-	Sales Clerks	65	15	50
5.	-	Secretaries	55	14	41
6.	-	Sales Representatives & Other Sales-workers	52	10	42
7.	+	Waiters/Waitresses	51	23	28
8.	+	General Clerks, Office	50	16	34
9.	-	Blue Collar Worker Supervisors	44	15	29
10.	+	Nurses, Professional	43	18	25
11.	+	Cashiers	41	13	28
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	34	13	21

+ These occupations are growing faster than the average (1.4) for all occupations.
- These occupations are growing average (1.4) to less than the average for all occupations.
--- Declining occupations.

REGION 11

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	-	Sewers & Stitchers	34	8	26
14.	-	Drill Press/Boring Machine Operators	32	10	22
15.	-	Production Packagers	29	9	20
16.	+	Guards & Doorkeepers	25	4	21
17.	-	Inspectors	25	6	19
18.	-	Punch Press Operators, Metal	25	9	16
19.	-	Store Managers	24	5	19
20.	-	Truck Drivers	24	7	17
21.	-	Electrical Engineers	23	10	13
22.	+	Typists	23	8	15
23.	-	Automotive Mechanics	21	5	16
24.	-	Bookkeepers, Hand	21	5	16
25.	+	Compression/Injection Molding Machine Operators, Plastic	19	13	6
	---	Elementary School Teachers	19	-5	24
		TOTALS	1,031	310	721

The total annual average job needs for these 25 occupations represent 42.8 per cent of the annual average job needs expected for all occupations in Region 11 during the period 1976-1982.

\+ *These occupations are growing faster than the average (1.4) for all occupations.*
\- *These occupations are growing average (1.4) to less than the average for all occupations.*
\--- *Declining occupations.*

* *See footnote on page 90.*

REGION 12

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 12
Indiana Employment Security Division, Research & Statistics, January 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	57	10	47
2.	+	Nurse Aides/Orderlies	55	28	27
3.	+	General Clerks, Office	33	10	23
4.	-	Sales Representatives & Other Sales-workers	31	5	26
5.	-	Sales Clerks	30	7	23
6.	+	Assemblers	26	10	16
7.	-	Secretaries	26	6	20
8.	+	Nurses, Professional	25	11	14
9.	+	Waiters/Waitresses	23	11	12
10.	+	Cashiers	22	7	15
11.	-	Blue Collar Worker Supervisors	16	4	12
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	15	6	9

\+ *These occupations are growing faster than the average (1.2) for all occupations.*
\- *These occupations are growing average (1.2) to less than the average for all occupations.*
--- *Declining occupations.*

REGION 12

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13.	- Truck Drivers	14	4	10
14.	--- Elementary School Teachers	13	-4	17
15.	+ Sewers & Stitchers	13	4	9
16.	+ Typists	13	4	9
17.	+ Bookkeepers, Hand	12	3	9
18.	- Delivery & Route Workers	12	0	12
19.	- Production Packagers	12	0	12
20.	- Store Managers	12	2	10
21.	+ Accounting Clerks	11	3	8
22.	+ Licensed Practical Nurses	11	5	6
23.	+ Carpenters	10	3	7
24.	+ Cooks, Institutional	10	3	7
25.	+ Guards & Doorkeepers	10	2	8
	TOTALS	512	144	368

The total annual average job needs for these 25 occupations represent 43.4 per cent of the annual average job needs expected for all occupations in region 12 during the period 1976-1982.

+ These occupations are growing faster than the average (1.2) for all occupations.
- These occupations are growing average (1.2) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

REGION 13

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 13
Indiana Employment Security Division, Research & Statistics, March 1980

		OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1.	+	Janitors, Porters, & Cleaners	336	72	264
2.	+	Nurse Aides/Orderlies	263	131	132
3.	-	Sales Clerks	244	61	183
4.	-	Sales Representatives & Other Salesworkers	220	42	178
5.	-	General Clerks, Office	198	62	136
6.	-	Assemblers	182	67	115
7.	-	Secretaries	163	43	120
8.	+	Waiters/Waitresses	163	74	89
9.	+	Cashiers	131	42	89
10.	+	Nurses, Professional	127	55	72
11.	-	Truck Drivers	110	33	77
12.	+	Food Preparation & Service Workers, Fast Food Restaurants	109	42	67

+ These occupations are growing faster than the average (1.5) for all occupations.
- These occupations are growing average (1.5) to less than the average for all occupations.
--- Declining occupations.

REGION 13

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. - Blue Collar Worker Supervisors	100	34	66
14. + Guards & Doorkeepers	87	20	67
15. - Bookkeepers, Hand	80	20	60
16. - Store Managers	79	16	63
17. + Typists	74	25	49
18. - Sewers & Stitchers	68	14	54
19. - Carpenters	64	18	46
20.--- Elementary School Teachers	64	-17	81
21. + Accounting Clerks	57	16	41
22. - Stock Clerks, Stockroom, Warehouse, etc.	57	16	41
23. + Cooks, Short Order/Specialty, Fast Foods	56	19	37
24. - Production Packagers	53	13	40
25. + Licensed Practical Nurses	51	23	28
TOTALS	3,136	941	2,195

The total annual average job needs for these 25 occupations represent 42.5 per cent of the annual average job needs expected for all occupations in Region 13 during the period 1976-1982.

\+ *These occupations are growing faster than the average (1.5) for all occupations.*
\- *These occupations are growing average (1.5) to less than the average for all occupations.*
--- *Declining occupations.*

* *See footnote on page 90.*

REGION 14

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS

Based on Indiana's Occupational Projections 1976-1982, Region 14
Indiana Employment Security Division, Research & Statistics, February 1980

	OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
1. +	Janitors, Porter, & Cleaners	143	28	115
2. -	Sewers & Stitchers	116	10	106
3. +	Nurse Aides/Orderlies	93	46	47
4. +	Sales Clerks	93	23	70
5. +	General Clerks, Office	76	24	52
6. -	Sales Representatives & Other Sales-workers	72	12	60
7. +	Waiters/Waitresses	68	30	38
8. +	Cashiers	62	20	42
9. -	Secretaries	56	13	43
10. -	Assemblers	53	17	36
11. +	Nurses, Professional	44	19	25
12. +	Food Preparation & Service Workers, Fast Food Restaurants	39	15	24

+ These occupations are growing faster than the average (1.3) for all occupations.
- These occupations are growing average (1.3) to less than the average for all occupations.
--- Declining occupations.

REGION 14

TOP 25 OCCUPATIONS WITH THE GREATEST PROJECTED ANNUAL JOB NEEDS (Cont'd.)

OCCUPATION	ANNUAL AVERAGE JOB NEEDS 1976-1982* Total Job Needs	Expansion Needs	Replacement Needs
13. + Welders & Flamecutters	37	16	21
14. - Store Managers	34	7	27
15. - Truck Drivers	33	8	25
16. --- Elementary School Teachers	30	-8	38
17. - Blue Collar Worker Supervisors	28	7	21
18. + Bookkeepers, Hand	28	7	21
19. - Inspectors	27	5	22
20. + Typists	27	9	18
21. + Guards & Doorkeepers	26	4	22
22. - Postal Mail Carriers	23	9	14
23. + Accounting Clerks	22	6	16
24. + Stock Clerks, Sales Floor	22	11	11
25. + Cooks, Short Order/Specialty, Fast Foods	21	7	14
+ Police & Detectives	21	13	8
TOTALS	1,294	358	936

The total annual average job needs for these 25 occupations represent 48.4 per cent of the annual average job needs expected for all occupations in Region 14 during the period 1976-1982.

+ These occupations are growing faster than the average (1.3) for all occupations.
- These occupations are growing average (1.3) to less than the average for all occupations.
--- Declining occupations.

* See footnote on page 90.

* *The annual average job needs given for each of these 25 occupations is the total of the expansion and replacement needs expected on the average for each year during the 1976-1982 period. Expansion needs result from expansion of an industry either through a new firm coming into an area or the expansion of existing facilities. Replacement needs average about 4 per cent a year for all occupations, however, these vary from one occupation to another due to age and sex composition of the work force in the specific occupation. Replacement needs are due to persons retiring, dying, or leaving the labor force. Some occupations also have a large turnover of the work force; persons leaving one place of work for another but remaining in the same occupation. Turnover does not necessarily create a demand for additional trained workers and is not considered in these projections.*